

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,081,156 B2  
APPLICATION NO. : 10/817605  
DATED : July 25, 2006  
INVENTOR(S) : Paul W. Brown

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 3, lines 8-9, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 3, line 9, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 3, line 10, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 3, lines 10-11, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 3, line 17, "3Me(II)O.R<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read --3Me(II)O•R<sub>2</sub>O<sub>3</sub>•Me(II)(anion)<sub>2</sub>•nH<sub>2</sub>O--

Column 3, line 22, "3Me(II)O.R<sub>2</sub>O<sub>3</sub>.Me(II)(anion).nH<sub>2</sub>O" should read --3Me(II)O•R<sub>2</sub>O<sub>3</sub>•Me(II)(anion)•nH<sub>2</sub>O--

Column 6, lines 15-16, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O+2Cl<sup>-</sup> ⇌  
3CaO.Al<sub>2</sub>O<sub>3</sub>.CaCl<sub>2</sub>.nH<sub>2</sub>O+2NO<sub>2</sub>" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O+2Cl<sup>-</sup> ⇌  
3CaO•Al<sub>2</sub>O<sub>3</sub>•CaCl<sub>2</sub>•nH<sub>2</sub>O+2NO<sub>2</sub>--

Column 6, line 17, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 6, line 23, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 6, line 41, "(3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O)" should read --(3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O)--

Column 6, line 43, "3CaO.Al<sub>2</sub>O<sub>3</sub>.CaCl<sub>2</sub>.10H<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•CaCl<sub>2</sub>•10H<sub>2</sub>O--

Column 6, lines 53-54, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O+2Cl<sup>-</sup> ⇌  
3CaO.Fe<sub>2</sub>O<sub>3</sub>.CaCl<sub>2</sub>.nH<sub>2</sub>O+2NO<sub>2</sub>" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O+2Cl<sup>-</sup> ⇌  
3CaO•Fe<sub>2</sub>O<sub>3</sub>•CaCl<sub>2</sub>•nH<sub>2</sub>O+2NO<sub>2</sub>--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6, line 56, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, line 2, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, line 3, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, line 4, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, line 5, "3Me(II)O.R<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read --3Me(II)O•R<sub>2</sub>O<sub>3</sub>•Me(II)(anion)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, line 12, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, lines 12-13, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, lines 14-15, "3Me(II)O.R<sub>2</sub>O.Me(II)(anion).nH<sub>2</sub>O" should read --3Me(II)O•R<sub>2</sub>O•Me(II)(anion)•nH<sub>2</sub>O--

Column 7, line 27, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, lines 27-28, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, line 39, "3Me(II)O.(R,R')<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read --3Me(II)O•(R,R')<sub>2</sub>O<sub>3</sub>•Me(II)(anion)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, lines 47-48, "3Me(II)O.(Al,Fe)<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read --3Me(II)O•(Al,Fe)<sub>2</sub>O<sub>3</sub>•Me(II)(anion)<sub>2</sub>•nH<sub>2</sub>O--

Column 7, line 49, "Ca<sub>2</sub>(Al,Fe)(OH)<sub>6</sub>(anion).nH<sub>2</sub>O" should read -- Ca<sub>2</sub>(A,Fe)(OH)<sub>6</sub>(anion)•nH<sub>2</sub>O--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, line 4, "3CaO.Al<sub>2</sub>O<sub>3</sub>" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>--

Column 8, line 29, "3Me(II).(R,R')<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O," should read --3Me(II)•(R,R')<sub>2</sub>O<sub>3</sub>•Me(II)(anion)<sub>2</sub>•nH<sub>2</sub>O--

Column 8, line 60, "3Me(II)O.(R,R')<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O+2Cl<sup>-</sup>⇌  
3Me(II)O.(R,R')<sub>2</sub>O<sub>3</sub>.Me(II)Cl<sub>2</sub>.nH<sub>2</sub>O+2(anion)<sup>-</sup>" should read --3Me(II)O•(R,R')<sub>2</sub>O<sub>3</sub>•Me  
(II)(anion)<sub>2</sub>•nH<sub>2</sub>O+2Cl<sup>-</sup>⇌3Me(II)O•(R,R')<sub>2</sub>O<sub>3</sub>•Me(II)Cl<sub>2</sub>•nH<sub>2</sub>O+2(anion)<sup>-</sup>--

Column 8, line 63, "NO<sub>2</sub><sup>31</sup>" should read --NO<sub>2</sub><sup>-</sup>--

Column 9, lines 15-16, "3Me(II)O.Al<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read --3Me(II)  
O•Al<sub>2</sub>O<sub>3</sub>•Me(II)(anion)<sub>2</sub>•nH<sub>2</sub>O--

Column 9, line 17, "3Me(II)O.Fe<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read --3Me(II)  
O•Fe<sub>2</sub>O<sub>3</sub>•Me(II)(anion)<sub>2</sub>•nH<sub>2</sub>O--

Column 9, lines 18-19, "3Me(II)O.(Fe, Al)<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read --3Me  
(II)O•(Fe, Al)<sub>2</sub>O<sub>3</sub>•Me(II)(anion)<sub>2</sub>•nH<sub>2</sub>O--

Column 9, line 25, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca  
(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 9, line 46, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca  
(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 9, line 47, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca  
(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 9, line 48, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 9, line 50, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 9, line 53, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 9, line 57, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 9, line 57, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 9, line 61, "3CaO.Al<sub>2</sub>O<sub>3</sub>" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>--

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Column 9, line 61, "CaO.Al<sub>2</sub>O<sub>3</sub>" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>--

Column 9, line 61, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 9, lines 63-64, "3 CaO.(Fe<sub>1.0</sub>Al<sub>1.0</sub>)O<sub>3</sub>.CaNO<sub>y</sub>.nH<sub>2</sub>O" should read --CaO•(Fe<sub>1.0</sub>Al<sub>1.0</sub>)O<sub>3</sub>•CaNO<sub>y</sub>.nH<sub>2</sub>O--

Column 9, line 65, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 9, line 65, "3CaO.Al<sub>2</sub>O<sub>3</sub>" should read --2CaO•Al<sub>2</sub>O<sub>3</sub>--

Column 9, line 65, "CaO.Al<sub>2</sub>O<sub>3</sub>" should read --CaO•Al<sub>2</sub>O<sub>3</sub>--

Column 10, line 16, "3Me(II)O.R<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read --3Me(II)O•R<sub>2</sub>O<sub>3</sub>•Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O--

Column 10, line 34, "3Me(II)O.(R,R')<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read --3Me(II)O•(R,R')<sub>2</sub>O<sub>3</sub>•Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O--

Column 10, line 64, "CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O--

Column 10, line 66, "CaO.Al<sub>2</sub>O<sub>3</sub>" should read --CaO•Al<sub>2</sub>O<sub>3</sub>--

Column 11, line 22, "3CaO.Al<sub>2</sub>O<sub>3</sub>" should read --2CaO•Al<sub>2</sub>O<sub>3</sub>--

Column 22, line 22, "Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read -- Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 11, line 31, "CaO.Al<sub>2</sub>O<sub>3</sub>" should read --CaO•Al<sub>2</sub>O<sub>3</sub>--

Column 11, line 39, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O--

Column 11, line 43, "3CaO.Al<sub>2</sub>O<sub>3</sub>" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>--

Column 11, line 54, "CaO.Al<sub>2</sub>O<sub>3</sub>" should read --CaO•Al<sub>2</sub>O<sub>3</sub>--

Column 12, line 5, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O--

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Column 12, line 11, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.CaCl<sub>2</sub>.nH<sub>2</sub>O" should read  
--3CaO•Fe<sub>2</sub>O<sub>3</sub>•CaCl<sub>2</sub>•nH<sub>2</sub>O--

Column 12, lines 12-13, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca  
(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 12, line 13, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca  
(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 12, line 15, "(3 CaO.Al<sub>2</sub>O<sub>3</sub>.CaCl<sub>2</sub>.10H<sub>2</sub>O)" should read  
--(3 CaO•Al<sub>2</sub>O<sub>3</sub>•CaCl<sub>2</sub>•10H<sub>2</sub>O)--

Column 12, lines 16-17, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O and 3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)  
2.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O and 3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--  
Column 12, line 18, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 12, line 20, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 12, line 23, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 12, line 27, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 12, line 28, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 12, line 34, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Fe<sub>2</sub>O<sub>3</sub>•Ca  
(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 12, line 37, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO•Fe<sub>2</sub>O<sub>3</sub>--

Column 12, lines 44-45, "3Me(II)O.(R<sub>1</sub>,R<sub>2</sub>)<sub>2</sub>O<sub>3</sub>(Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read --3Me  
(II)O•(R<sub>1</sub>,R<sub>2</sub>)<sub>2</sub>O<sub>3</sub>(Me(II)(anion)<sub>2</sub>•nH<sub>2</sub>O--

Column 14, lines 9-10, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca  
(NO<sub>2</sub>)<sub>2</sub>•nH<sub>2</sub>O--

Column 14, lines 19-20, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read --3CaO•Al<sub>2</sub>O<sub>3</sub>•Ca  
(NO<sub>3</sub>)<sub>2</sub>•nH<sub>2</sub>O--

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Column 15, lines 10-11, " $2\text{NaAlO}_4 + 3\text{Ca}(\text{OH})_2 + \text{Ca}(\text{NO}_2)_2 \rightarrow 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O} + 2\text{NaOH}$ " should read -- $2\text{NaAlO}_4 + 3\text{Ca}(\text{OH})_2 + \text{Ca}(\text{NO}_2)_2 \rightarrow 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O} + 2\text{NaOH}$ --

Column 15, line 15-16, " $2\text{NaAlO}_4 + 4\text{Ca}(\text{OH})_2 + 2\text{NaNO}_2 \rightarrow 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O} + 4\text{NaOH}$ " should read -- $2\text{NaAlO}_4 + 4\text{Ca}(\text{OH})_2 + 2\text{NaNO}_2 \rightarrow 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O} + 4\text{NaOH}$ --

Column 15, line 20, " $(\text{CaO} \cdot \text{Al}_2\text{O}_3)$ " should read -- $(\text{CaO} \cdot \text{Al}_2\text{O}_3)$ --

Column 15, line 2, " $(3\text{CaO} \cdot \text{Al}_2\text{O}_3)$ " should read -- $(3\text{CaO} \cdot \text{Al}_2\text{O}_3)$ --

Column 15, line 29, " $\text{CaO} \cdot 2\text{Al}_2\text{O}_3$ " should read -- $\text{CaO} \cdot 2\text{Al}_2\text{O}_3$ --

Column 15, line 29, " $\text{CaO} \cdot 6\text{Al}_2\text{O}_3$ " should read -- $\text{CaO} \cdot 6\text{Al}_2\text{O}_3$ --

Column 15, line 39, " $(5\text{Al}_2\text{O}_3 \cdot \text{H}_2\text{O})$ " should read -- $(5\text{Al}_2\text{O}_3 \cdot \text{H}_2\text{O})$ --

Column 15, line 43, " $\text{CaO} \cdot \text{Al}_2\text{O}_3$ " should read -- $\text{CaO} \cdot \text{Al}_2\text{O}_3$ --

Column 15, line 44, " $3\text{CaO} \cdot \text{Al}_2\text{O}_3$ " should read -- $3\text{CaO} \cdot \text{Al}_2\text{O}_3$ --

Column 15, lines 48-49, " $\text{CaO} \cdot \text{Al}_2\text{O}_3 + 3\text{Ca}(\text{OH})_2 + n\text{H}_2\text{O} \rightarrow 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{OH})_2 \cdot n\text{H}_2\text{O}$ " should read --  $\text{CaO} \cdot \text{Al}_2\text{O}_3 + 3\text{Ca}(\text{OH})_2 + n\text{H}_2\text{O} \rightarrow 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{OH})_2 \cdot n\text{H}_2\text{O}$ --

Column 15, lines 52-53, " $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{Cl})_2 \cdot n\text{H}_2\text{O}$ " should read -- $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{Cl})_2 \cdot n\text{H}_2\text{O}$ --

Column 16, line 12, " $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ " should read -- $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ --

Column 16, line 34, " $3 \text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ " should read -- $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ --

Column 17, line 12, " $3\text{CaO} \cdot (\text{Fe}, \text{Al})_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ " should read -- $3\text{CaO} \cdot (\text{Fe}, \text{Al})_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ --

Column 17, lines 22-23 " $3\text{CaO} \cdot (\text{Fe}, \text{Al})_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ " should read -- $3\text{CaO} \cdot (\text{Fe}, \text{Al})_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ --

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,081,156 B2  
APPLICATION NO. : 10/817605  
DATED : July 25, 2006  
INVENTOR(S) : Paul W. Brown

Page 7 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 1, column 17, line 41, " $3\text{Me(II)O}\cdot(\text{R,R}')_2\text{O}_3\cdot\text{Me(II)(anion)}_2\cdot n\text{H}_2\text{O}$ ," should read  
-- $3\text{Me(II)O}\cdot(\text{R,R}')_2\text{O}_3\cdot\text{Me(II)(anion)}_2\cdot n\text{H}_2\text{O}$ --

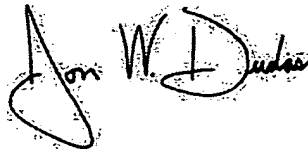
Claim 7, Column 18, line 5, "The method of claim 1 wherein the reaction" should read  
-- The method of claim 1 wherein the following reaction--

Claim 7, column 18, lines 9-10, " $3\text{Me(II)O}\cdot(\text{R,R}')_2\text{O}_3\cdot\text{Me(II)(NO}_2)_2\cdot n\text{H}_2\text{O} + 2\text{Cl} \rightarrow 3\text{Me(II)O}\cdot(\text{R,R}')_2\text{O}_3\cdot\text{Me(II)Cl}_2\cdot n\text{H}_2\text{O} + 2\text{NO}_2$ " should read -- $3\text{Me(II)O}\cdot(\text{R,R}')_2\text{O}_3\cdot\text{Me(II)(NO}_2)_2\cdot n\text{H}_2\text{O} + 2\text{Cl} \rightarrow 3\text{Me(II)O}\cdot(\text{R,R}')_2\text{O}_3\cdot\text{Me(II)Cl}_2\cdot n\text{H}_2\text{O} + 2\text{NO}_2$ --

Claim 8, column 18, line 17, " $3\text{Me(II)O}\cdot(\text{R,R}')_2\text{O}_3\cdot\text{Me(II)(anion)}_2\cdot n\text{H}_2\text{O}$ ," should read  
-- $3\text{Me(II)O}\cdot(\text{R,R}')_2\text{O}_3\cdot\text{Me(II)(anion)}_2\cdot n\text{H}_2\text{O}$ --

Signed and Sealed this

Sixth Day of March, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*